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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/708,406	03/01/2004	Ernesto Garcia	19.0372	2405
23718 7590 02/13/2007 SCHLUMBERGER OILFIELD SERVICES 200 GILLINGHAM LANE MD 200-9 SUGAR LAND, TX 77478			EXAMINER SMITH, MATTHEW J	
			ART UNIT 3672	PAPER NUMBER

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	02/13/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

<b>Office Action Summary</b>	Application No. 10/708,406	Applicant(s) GARCIA ET AL.	
	Examiner Matthew J. Smith	Art Unit 3672	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 13 December 2006.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-36 and 38 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-36 and 38 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date <u>15Nov06</u> . | 6) <input type="checkbox"/> Other: _____  |

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-10, 15-29, 32-36 and 38 are rejected under 35 U.S.C. 103(a) as being unpatentable over Millheim in view of Streetman (6456092).

Millheim discloses a method for drilling a wellbore at a wellsite having a drilling rig 10 with a downhole drilling tool (col. 4, line 7) comprising: selectively advancing the drilling tool operated according to a wellsite setup; collecting wellsite parameters from downhole sensors (col. 5, line 18); transmitting at least a portion of the wellsite parameters to an offsite control center 20; performing an analysis of the wellsite parameters (col. 10, lines 34-36); manually adjusting the wellsite set up from the offsite center 20 or surface control unit 18 based on the analysis of the wellsite parameters (col. 10, line 54); establishing an offsite communication link (col. 5, lines 31-34) between the offsite control center and the wellsite; establishing an onsite communication link between the surface control unit and a surface system of the wellsite (col. 6, lines 14-15); an offsite communication link between the offsite control center and the downhole tool (col. 7, lines 37-39); parameters transmitted via satellite 24 (col. 5, lines 39-43); the transmitting and adjusting steps performed in real time (col. 2, line 68); the transmitting and adjusting steps performed at intervals (col. 6, lines 60-63); the drilling tool being a

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measurement while drilling tool (col. 7, line 27); an offsite processor 61 adapted to generate an analysis of the wellsite parameters and make decisions; an offsite controller (col. 9, lines 57-68) adjusting the wellsite setup according to the analysis of the wellsite parameters; and the offsite center having a monitor (fig. 6) for displaying the wellsite parameters but not automatically adjusting from an offsite center.

Streetman discuss automatically adjusting wellsites' equipment from an offsite center based on analysis (col. 2, lines 50-57).

It would have been obvious to a person having ordinary skill in the art at the time the invention was made to automatically adjust wellsite equipment from an offsite center, as discussed by Streetman, in order to control a large number of wells from one site (Streetman, col. 6, lines 31-33).

Claims 11-14, 30 and 31 are rejected under 35 U.S.C. 103(a) as being unpatentable over Millheim in view of Streetman as applied to claims 1 and 19, respectively, above, and further in view of Alvarado et al. (5864772).

The combination discloses transmitting operating data to a remote location but not deploying a wireline tool with sensors into the wellbore.

Alvarado et al. show a wireline tool 10 with sensors transmitting data to a remote location.

It would have been obvious to a person having ordinary skill in the art at the time the invention was made to use a wireline tool to gather well data to be transmitted to a remote location, as shown by Alvarado et al., since it is well known to gather data from a wireline tool as well as a drilling tool.

### ***Response to Arguments***

Applicant's arguments, see page 9, filed 13 December 2006, with respect to claims 1, 19, and 33 have been fully considered and are persuasive. The 35 U.S.C. 101 rejection of claims 1, 19, and 33 has been withdrawn.

Applicant's discussion of the Millheim-Streetman combination is not convincing. The examiner contends Streetman suggests analogous art by stating, "When a successful well is drilled" thereby linking drilling to completion. Since the system described by applicant does not involve any special innovation to drilling, only the transfer and use of data, the examiner believes one of ordinary skill would have found the nexus between transferring data to/from drilling or completing operations from a remote location, as the combination shows.

### ***Conclusion***

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

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A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Matthew J. Smith whose telephone number is 571-272-7034. The examiner can normally be reached on T-F, 8-3.

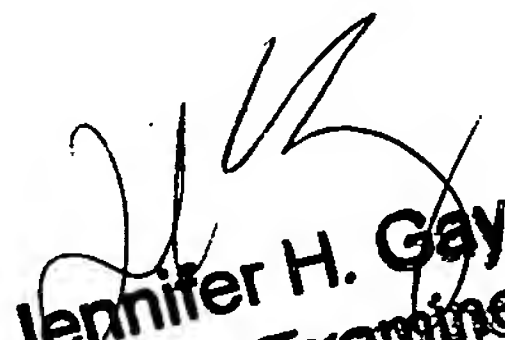
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David J. Bagnell can be reached on 571-272-6999. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

David Bagnell  
Supervisory Patent Examiner  
Art Unit 3672

MJS  
7 February 2007

  
Jennifer H. Gay  
Primary Examiner